

# PATENT ABSTRACTS OF JAPAN

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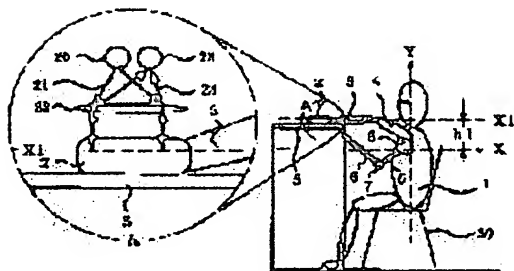
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## (54) INDIVIDUAL FEATURE PATTERN DETECTION DEVICE

### (57)Abstract:

PROBLEM TO BE SOLVED: To prevent congestion due to a difference between a measuring section and a relative height of a heart from affecting the reproducibility of a blood vessel pattern by including at least a measuring section mounting part and a heart position fixing part in constituent elements and providing a function setting the measuring section of a person who is measured and a height of his/her heart within a fixed distance.



SOLUTION: An individual feature pattern detection device is constituted by a heart position fixing part consisting of a measuring section mounting part 5, an arm 6, a joint part 7, and an arm fixing part 8 and a distinguishing part. The crossing point of a horizontal axis X and a vertical axis Y is a heart position, where is strictly the vicinity of an aortal orifice close to

an aortal arch which becomes the maximum artery pressure. In this case, a measuring section (hand 2) is at a higher position than a heart by a difference  $h_1$  between the horizontal axes X and X1 in the vertical direction. The difference  $h_1$  in relative height is set by adjusting the height of the measuring section mounting part 5 and the arm 6 and the joint part 7 which constitute the heart position fixing part to adjust the height of the arm fixing part 8. This adjustment may be done manually, but can be automated.